

IN THE CLAIMS

1. - 7. (cancelled)

8. (currently amended) A display apparatus having a backlight section and a load other than said backlight section, said display apparatus comprising:

an input-voltage generation section for generating a direct current input voltage from an alternating current;

a first power conversion section ~~including a primary side for receiving said direct current input voltage, and a secondary side isolated from said primary side for carrying out a DC-DC power conversion process on the direct current input voltage to generate~~ing a direct current power-supply voltage to be supplied to said load ~~as a result of a DC-DC power conversion process carried out on said direct current input voltage;~~

a second power conversion section connected in parallel with said first power conversion section, and including:

a primary side for receiving said direct current input voltage, and including:

a pair of series connected switches for switching the direct current input voltage to generate an alternating current input voltage supplied to a primary winding of at least one transformer, and

a driving circuit for driving said pair of series connected switches,

a secondary side, isolated from said primary side by said at least one transformer, for generating, from an alternating current output voltage supplied by a secondary winding of the at least one transformer, a

power-supply voltage to be supplied to a plurality of parallel connected backlights of said backlight section,

a detection circuit connected in series with only one of the plurality of parallel connected backlights for detecting a voltage supplied to ~~said—that~~ backlight section, and

a feedback section for receiving the detected voltage from said detection circuit~~section~~, for rectifying the detected voltage, and for supplying the rectified voltage to said driving circuit of said primary side of said second power conversion section,

said driving circuit controlling the quantity of light emitted by the plurality of parallel connected backlights to a constant value based on the rectified voltage; and

a display section for displaying a picture using said backlight section.

9. (currently amended) A display apparatus according to claim 8, wherein the at least one transformer includes a plurality of transformers each associated with a respective portion of the plurality of parallel connected backlights of said backlight sections is employed as a light source of said display section and as many said second power conversion sections as said backlight sections are provided.

10. (currently amended) A display apparatus according to claim 8, wherein a plurality of parallel connected fluorescent tubes is employed as the plurality of parallel connected backlights of said backlight section, and said secondary side of said second power conversion section carries out power conversion process by performing a DC-AC power conversion process to generates an

~~alternating current as said the power-supply voltage to be supplied to each of said parallel connected fluorescent tubes.~~

11. (cancelled)

12. (previously presented) A display apparatus according to claim 8, wherein said input-voltage generation section includes a rectification/smoothing circuit having a plurality of diodes for rectifying the alternating current, and a capacitor for smoothing a rectified output of said plurality of diodes, and said input-voltage generation section generates said direct current input voltage as a voltage appearing between terminals of said capacitor.

13. (previously presented) A display apparatus according to claim 8, wherein said input-voltage generation section includes a power-factor improvement converter for generating a stabilized direct current output voltage as the direct current input voltage.

14. (currently amended) A display apparatus according to claim 8, wherein ~~said second power conversion section includes a switching device for switching said direct current input voltage and a driving section for driving said switching device, and said feedback section isolates the primary and secondary sides of the second power conversion section from each other~~rectified voltage and feeds back the isolated rectified voltage to said driving section to stabilize said power supply voltage or current.

15. (new) A display apparatus having a backlight section and a load other than the backlight section, the display apparatus comprising:

an input-voltage generation section which generates a direct current input voltage from an alternating current;

a first power conversion section which receives the direct current input voltage, and carries out a DC-DC power conversion process on the direct current input voltage to

generate a direct current power-supply voltage to be supplied to the load;

a second power conversion section connected in parallel with the first power conversion section, and including:

a primary side which receives the direct current input voltage, and including:

a pair of series connected switches which switches the direct current input voltage to generate an alternating current input voltage supplied to a primary winding of at least one transformer, and

a driving circuit which drives the pair of series connected switches,

a secondary side, isolated from the primary side by the at least one transformer, which generates, from an alternating current output voltage supplied by a secondary winding of the at least one transformer, a power-supply voltage to be supplied to a plurality of parallel connected backlights of the backlight section,

a detection circuit connected in series with only one of the plurality of parallel connected backlights for detecting a voltage supplied to that backlight, and

a feedback section which receives the detected voltage from the detection circuit, rectifies the detected voltage, and supplies the rectified voltage to the driving circuit of the primary side of the second power conversion section,

the driving circuit controlling the quantity of light emitted by the plurality of parallel connected

backlights to a constant value based on the rectified voltage; and

a display section which displays a picture using the backlight section.

16. (new) A display apparatus according to claim 15, wherein the at least one transformer includes a plurality of transformers each associated with a respective portion of the plurality of parallel connected backlights of the backlight section.

17. (new) A display apparatus according to claim 15, wherein a plurality of parallel connected fluorescent tubes is employed as the plurality of parallel connected backlights of the backlight section.

18. (new) A display apparatus according to claim 15, wherein the input-voltage generation section includes a rectification/smoothing circuit having a plurality of diodes which rectify the alternating current, and a capacitor which smoothes a rectified output of the plurality of diodes, and the input-voltage generation section generates the direct current input voltage as a voltage appearing between terminals of the capacitor.

19. (new) A display apparatus according to claim 15, wherein the input-voltage generation section includes a power-factor improvement converter which generates a stabilized direct current output voltage as the direct current input voltage.

20. (new) A display apparatus according to claim 15, wherein the feedback section isolates the primary and secondary sides of the second power conversion section from each other.